



## Truck brake tester BD 6421

Up to 16 t axle load, standard Beissbarth mechanic, PC ready | ICperform Software, New Tablet-App | 2 Speed, electromagnetic motor brake, 4 x 4, Roller 1000 mm | ASA-Livestream

Article number: BD 6421

For articles to be ordered, see configuration.

## Description

- Up to 16 t axle load, mechanic before 2017, PC ready
- ICperform Software, New with Tablet-App
- 2 Speed, 4 x 4
- Coated Rollers, 1000 mm
- With electromagnetic motor brake
- ASA-Livestream
- Mechanically identical to MB 8100/BSA 56xx

### Optional accessories

- 8-points-weight system (available in bill of material in some configuration)
- Option for Tacho control
- Drive-over plates
- Weather-resistant hot-dip galvanization, steel chains
- Radio controlled air-pressure sensors
- Pit safety in different sizes

### Brake tester with proven mechanics

- Roller sets mechanically identical to MB 8815/ BSA 53xx and MB 8100/ BSA 56xx
- New! Now also with ICperform Software and optional Tablet-App
- BD 6xxx available with standard rollers (1000 mm) or longer rolls of 1100 mm (comparable to MB 8100/BSA 56xx)
- Weather-resistant hot-dip galvanization, steel chains
- Speed sensors
- Robust rollers
- Drive-over plates

### ICperform: new Software

- Intuitive and fast in use
- Optimum display of all relevant measured values
- Easy handling
- Faster brake testing
- Print and database functions
- Connection with other test devices within the test lane

### ICperform Tablet-App

ICperform tablet app: measuring faster without having to get on and off the truck

- The intuitive user interface can be accessed via Android tablets operate and enable stable measured value transmission and control via the W-LAN connection - even from inside the vehicle.
- Roll resistance, ovality, braking forces per axis or wheel, left-right comparison or pressure values, all data are displayed in real time and visually intuitive
- Working with Beissbarth's ICperform tablet app speeds up the process and eliminates unnecessary entry and exit from the vehicle.

New! ICperform tablet app from Google Play

- The app is available at [play.google.com](https://play.google.com). Download it to your tablet and try the features for up to 30 days free of charge. You can obtain your license for the ICperform tablet app (order number 1 691 810 756) directly from the Beissbarth hotline.

Carrying out brake tests easily and quickly with the software ICperform tablet

- Data entry of vehicle information

- Selection of testing mode
- Test control conveniently in the vehicle cabin
- Usage of own tablet devices
- Same representation as on the workshop PC monitor

Easy control from the inside of the truck

- Intuitive and guided: fully automated procedure (covers 80 % of the common test ing routines) incl. archiving and printing of the measured values
- Integrated remote control
- State of the braking test and important measuring results always at a glance

Download at [play.google.com](https://play.google.com) and use the app for free of charge for a 30 days testing period

### **Connected Repair for networked truck systems**

- Brake testing
- Headlight testing
- Emission analysis
- Air condition service

Connected Repair is able to read commercially available job data. Thanks to crosslinking, the central server-based software solution eases and accelerates the work processes of all connected test devices. Purchasing BD, the software for one work station is included within the scope of delivery.

- Installation of one PC is free of charge
- Networking of other workplaces via licence (availability at their Beissbarth dealers.)
- Available in 16 languages

Connected repair: for faster work processes with the HTD 815 headlight tester

- Tests all types of light sources (xenon, bi-xenon, LED, bi-LED, halogen) and all types of truck headlights.
- MLD 815 Matrix/DLA version for glare-free high-beam systems (DLA\*, Matrix)
- With CMOS camera and integrated printer.

\* Dynamic Light Assist

### **System requirements**

Min. PC requirements

- Operating system: Windows 7, Windows 10, 64 Bit
- Processor: Celeron 2.7 GHz
- Random access memory: 4 GB
- Hard disk: 500 GB
- Serial port: 2x RS232 (COM)

Min. PC display requirements (trolley)

- Size: 27"
- Solution: 1920 x 1080
- Width-to-height ratio: 16:9

Min. HDMI-TV requirements (substitute for analogue display)

- Minimum size: 40"
- Recommended size: 55"
- Solution: 1920 x 1080

- Width-to-height ratio: 16:9

#### Min. tablet requirements

- Operating system: Android 5.0 or higher
- Minimum size: 8"
- Recommended size: 9,6"
- Width-to-height ratio: 16:9 or 16:10
- Basic requirement: WLAN network with router

#### Scope of delivery

- Truck Software (part No. 1 691 810 741)
- Incl. ASA-Livestream
- Roller set left (part No. 1 691 810 233)
- Roller set right (part No. 1 691 810 234)
- Power-Box (part No. 1 691 810 266)
- Incl. 15 m cable

### Configuration

1 691 810 741	Standard-Software Truck   ICperform
1 691 810 233	Roller set series 6   left
1 691 810 234	Roller set series 6   right
1 691 810 266	Power-Box Series 6 / 8

### Technical Data

Max. wheel diameter	1200 mm
Max. rim diameter	40 "
Protection class	IP 54
Length	1300 mm
Height	666 mm
Measuring system	- DMS
Width	1151 mm
Coefficient of friction dry/wet	0,8 / 0,7
Roller length	1000 mm
Roller elevation	50 mm
Min. rim diameter	13 "
Roller diameter	280 mm
Min. test width	900 mm
Max. test width	2900 mm
Min. wheel diameter	450 mm
Roller axle distance	438 mm
Weight without lifting device approx.	710 kg
Motor connection cable	7 x 4 mm <sup>2</sup>

Gear ratio	1 / 17,27
Test speed (low)	2,3 km/h
Test speed (high)	4,6 km/h
Motor revolution speed (low)	1450 rpm
Motor revolution speed (high)	2950 rpm
Roller revolution speed (low)	43,4 rpm
Roller revolution speed (high)	87,6 rpm
Motor power (low)	2 x 10 kW
Motor power (high)	2 x 12,5 kW

## Accessories

1 691 811 081	Assembling case BD 6xxx / 1000 mm   without pit
1 691 811 082	Assembling case BD 6xxx / 1000 mm   with pit
1 691 801 012	Axle weight 8-point scale   for BD 6xxx / MB 8x00
1 691 810 756	Tablet-App
1 691 810 704	IR remote control Truck
1 691 810 702	IR Kit Truck
1 691 810 703	Testlane PC with a serial interface
1 691 811 250	PC cabinet Standard   empty
1 691 810 743	PC gear pack for PC cabinet Standard
1 693 740 884	Monitor holder 17 - 27"
1 693 740 911	Monitor holder 22 - 35"
1 691 810 750	Display RAL 7016   analog, rectangular   LCD, svivel arm, IR receiver
1 691 810 722	Stand column aluminium   RAL 7016   for TV Monitor / rectangular analog display
1 691 810 723	Pit safety PSC2   cross
1 691 810 724	Pit safety PSC2   cross
1 691 810 725	Pit safety PSC2   cross
1 691 810 726	Pit safety PSC1   long
1 692 100 102	Swivel bracket PSC1
1 691 810 733	Wired air pressure sensor APS1   basic set - PM / PX1
1 691 810 734	Wired pedal force tester APS1   PD
1 691 810 735	Warn-System for air pressure sensors
1 691 841 007	Side Slip Tester MSS 8400
1 691 842 001	Built in frame for MSS 8400
1 691 850 100	Joint play detector GST 8508   400V
1 691 811 539	Retrofit set for VDO tachograph test BD 6xxx   left
1 691 811 126	Adaptation kit for Semmler Tachocontrol BD6xxx   left
1 691 601 392	Digital calibration kit for brake tester

